

Coast EAL40R

COAST EAL40R 2500 Lumen Rechargeable Emergency Camping Lantern User Manual

Model: EAL40R

INTRODUCTION

The COAST EAL40R is a versatile and powerful rechargeable emergency camping lantern designed to provide reliable illumination in various situations. It features multiple light modes, a removable diffuser, a USB-C power bank function, and flexible carrying options. This manual provides detailed instructions for the safe and efficient use of your EAL40R lantern.

1. SETUP

1.1 Unpacking and Initial Inspection

Carefully remove the lantern and all accessories from the packaging. Inspect for any signs of damage. The package should include:

- COAST EAL40R Lantern
- ZX740 ZITHION-X™ Rechargeable Battery
- USB-C Charging Cable
- 6 x AA Alkaline Batteries (may be sold separately)

INCLUDED



EAL40R LANTERN



6 X AA BATTERIES



ZX740 RECHARGEABLE BATTERY



USB-C CHARGING CABLE

Image: The COAST EAL40R lantern shown with its included accessories: the ZX740 rechargeable battery, a USB-C charging cable, and a pack of six AA alkaline batteries.

1.2 Battery Installation

The EAL40R lantern can be powered by the included ZX740 ZITHION-X™ rechargeable battery or six AA alkaline batteries (sold separately).

Installing the ZX740 Rechargeable Battery:

1. Twist the base of the lantern counter-clockwise to remove it.
2. Insert the ZX740 rechargeable battery into the battery compartment, ensuring correct polarity.
3. Replace the base by twisting it clockwise until secure.

Video: A person demonstrates how to install the rechargeable battery into the base of the COAST EAL40R lantern and secure the base.

Installing AA Alkaline Batteries:

1. Twist the base of the lantern counter-clockwise to remove it.
2. Insert six AA alkaline batteries into the designated slots, observing the correct polarity (+/-).
3. Replace the base by twisting it clockwise until secure.



Image: A diagram illustrating the dual power options for the EAL40R lantern: the included ZX740 rechargeable battery or six AA alkaline batteries.

1.3 Initial Charging

Before first use, fully charge the ZX740 rechargeable battery using the provided USB-C cable. Connect the USB-C cable to the lantern's USB-C port and a compatible USB power source (e.g., wall adapter, computer USB port).

The power indicator light will show charging status. Refer to the "Power Indicator" section for details.

2. OPERATING INSTRUCTIONS

2.1 Powering On/Off and Light Modes

The EAL40R features multiple light modes and a Color Shift™ selector switch.

1. **Power Button:** Press the power button to turn the lantern on. Subsequent presses cycle through different brightness levels within the selected color mode. Press and hold to turn off.
2. **Color Shift™ Selector Switch:** Use the switch located on the base to toggle between Warm mode (3500K) and Cool mode (7000K).
3. **Red Modes:** The lantern also includes solid red and red flashing modes for emergency signaling or preserving night vision. Activate these modes via the power button after cycling through white light modes.



Image: The COAST EAL40R lantern demonstrating the Color Shift™ selector switch, allowing users to choose between warm (3500K) and cool (7000K) light temperatures.

RED MODES

SOLID AND FLASHING



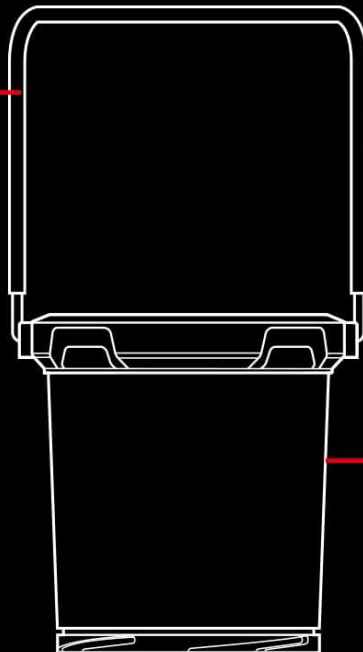
Image: The COAST EAL40R lantern illustrating its red light modes, including a solid red and a red flashing option for emergencies or night vision preservation.

2.2 Removable Diffuser

The lantern features a removable polycarbonate diffuser. Keep the diffuser in place for soft, ambient light, or remove it to reveal the ultra-bright LED globe for maximum light output.

LANTERN FEATURES

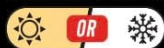
FOLDING HANDLE



REMOVABLE POLYCARBONATE
DIFFUSER

UNBREAKABLE
POLYCARBONATE GLOBE

COLOR SHIFT™



8-MODE OUTPUT



INTEGRATED CARABINER

Image: A detailed diagram highlighting the key features of the EAL40R lantern, such as the folding handle, removable polycarbonate diffuser, unbreakable polycarbonate globe, Color Shift™ functionality, 8-mode output, and integrated carabiner.

Video: A comprehensive overview of the COAST EAL40R lantern, demonstrating its features, including the removable diffuser and various light modes. This video is provided by Veronika's Reviews, a seller.

2.3 Power Bank Function

The EAL40R can act as a power bank to charge other devices. Connect your device to the USB-C power-out port on the lantern using a compatible USB-C cable.

POWER BANK

1 CHARGE IN & 2 CHARGE OUTS



Image: The COAST EAL40R lantern shown actively charging two smartphones, illustrating its capability to function as a power bank for other devices.

2.4 Carrying and Hanging Options

The lantern is designed for versatile placement:

- **Foldable Handle:** Use the integrated foldable handle for traditional carrying or hanging.
- **Integrated Carabiner:** A carabiner is located on the bottom of the lantern for hanging upside down, providing downward illumination.

HANGING GLOBE OPTION



Image: The COAST EAL40R lantern suspended upside down from a wooden structure, showcasing its hanging globe option for downward lighting.

3. MAINTENANCE

3.1 Cleaning

Wipe the lantern with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or polycarbonate diffuser.

3.2 Battery Care and Storage

- For optimal battery life, charge the ZX740 rechargeable battery regularly, even when not in use.
- If storing the lantern for an extended period, remove alkaline batteries to prevent leakage.
- Store the lantern in a cool, dry place away from direct sunlight.

3.3 Water and Dust Resistance

The EAL40R is rated IP54 water-resistant and dust-resistant, meaning it is protected against dust ingress and splashing water from any direction. It is not designed for submersion.

4. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lantern does not turn on.	Battery is depleted or incorrectly installed.	Charge the rechargeable battery or replace alkaline batteries. Ensure batteries are installed with correct polarity.
Lantern does not charge.	USB-C cable or power source is faulty; battery issue.	Try a different USB-C cable and power source. Ensure the cable is fully inserted. If using alkaline batteries, charging is not possible.
Power bank function not working.	Lantern battery is too low; device cable is faulty.	Ensure the lantern's battery is sufficiently charged. Try a different cable for the device you are trying to charge.
Light output is dim.	Battery is low; incorrect mode selected.	Charge the battery. Cycle through light modes to select a brighter setting.

RECHARGEABLE PERFORMANCE

WITHOUT DIFFUSER



GLOBE	WARM LOW	WARM MEDIUM	WARM HIGH	COOL LOW	COOL MEDIUM	COOL HIGH
	12 LUMENS	95 LUMENS	220 LUMENS	540 LUMENS	1080 LUMENS	2500 LUMENS
	4m	12m	19m	29m	41m	63m
	93h	55h	24h	12h	5h 30min	2h 15min

Image: The COAST EAL40R lantern displaying its power indicator lights: green indicates a charged battery, while red signifies a low battery level.

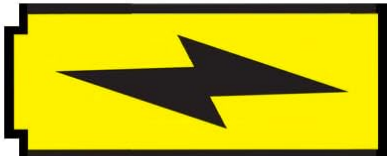
5. SPECIFICATIONS

- **Model:** EAL40R
- **Light Source Type:** LED
- **Max Lumen Output:** 2500 Lumens (without diffuser, Cool High mode)
- **Color Temperature:** Warm (3500K), Cool (7000K)
- **Power Source:** Rechargeable (ZX740 ZITHION-X™ battery included) or 6x AA Alkaline Batteries (sold separately)
- **Charging Port:** USB-C In/Out
- **Water Resistance:** IP54 (Water and Dust Resistant)
- **Material:** Plastic, Polycarbonate Shade
- **Dimensions (L x W x H):** 4.72" x 4.88" x 7.28"
- **Weight:** 1.4 pounds

- **Special Features:** Red Flashing Mode, Carabiner, Removable Diffuser, Foldable Handle, Moonglow™ Low Mode, Illuminated Power Button, USB-C Power Bank

RECHARGEABLE PLUS™

RUNS ON RECHARGEABLE OR ALKALINE



RECHARGEABLE

(INCLUDED ZX740)

- Green & energy efficient
- More power
- Cost effective for frequent use
- Charger indicator

ALKALINE

(INCLUDED 6 X AA)

- Built-in USB-C Port

Image: A visual representation of the COAST EAL40R lantern's dimensions, indicating a height of 7.2 inches and a width of 5.1 inches.

Rechargeable Performance (with diffuser)

Mode	Lumens	Beam Distance	Runtime
Warm Low	7	2m	93h
Warm Medium	50	5m	55h
Warm High	120	8m	24h
Cool Low	300	13m	12h
Cool Medium	600	19m	5h 30min

Mode	Lumens	Beam Distance	Runtime
Cool High	1400	28m	2h 15min

RECHARGEABLE PERFORMANCE

WITH DIFFUSER



WITH DIFFUSER	WARM LOW	WARM MEDIUM	WARM HIGH	COOL LOW	COOL MEDIUM	COOL HIGH
	7 LUMENS	50 LUMENS	120 LUMENS	300 LUMENS	600 LUMENS	1400 LUMENS
	2m	5m	8m	13m	19m	28m
	93h	55h	24h	12h	5h 30min	2h 15min

Image: A table detailing the rechargeable performance of the EAL40R lantern when the diffuser is in place, including lumens, beam distance, and runtime for different warm and cool light modes.

Rechargeable Performance (without diffuser)

Mode	Lumens	Beam Distance	Runtime
Warm Low	12	4m	93h
Warm Medium	95	12m	55h
Warm High	220	19m	24h
Cool Low	540	29m	12h

Mode	Lumens	Beam Distance	Runtime
Cool Medium	1080	41m	5h 30min
Cool High	2500	63m	2h 15min



Image: A table detailing the rechargeable performance of the EAL40R lantern when the diffuser is removed, including lumens, beam distance, and runtime for different warm and cool light modes, showing higher lumen outputs.

6. WARRANTY

The COAST EAL40R lantern is backed by the COAST lifetime warranty, reflecting the brand's commitment to quality and durability. For specific warranty details and claims, please refer to the official COAST website or contact their customer support.

7. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official Coast website or contact their customer service department. Keep your model number (EAL40R) and any purchase information readily available when seeking support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question